

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
United States of America

in its capacity as elected Office

Date of mailing (day/month/year)

02 September 2002 (02.09.02)

International application No.

PCT/US01/14771

Applicant's or agent's file reference

02004038

International filing date (day/month/year)

03 May 2001 (03.05.01)

Priority date (day/month/year)

04 May 2000 (04.05.00)

Applicant

GLASS, Michael, F.

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

18 January 2002 (18.01.02)



in a notice effecting later election filed with the International Bureau on:

RECEIVED
DEC 03 2002
GROUP 3600

2. The election ☐ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

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PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 02004.047	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 01/ 14771	International filing date (day/month/year) 03/05/2001	(Earliest) Priority Date (day/month/year) 04/05/2000
Applicant DETROIT STEEL PRODUCTS CO., INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

1



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/14771

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60G11/02 B60G11/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 056 931 A (NIPPON HATSUJO CY LTD; NISSAN MOTOR) 7 May 1971 (1971-05-07) page 3, line 12 - line 30 figure 1	1, 2, 8
X	US 4 919 399 A (SELZER ROBERT J ET AL) 24 April 1990 (1990-04-24) column 2, line 33 - line 52	3, 4
Y	figures 1-4	5-7, 9
Y	US 5 785 345 A (BRANNIGAN MICHAEL ET AL) 28 July 1998 (1998-07-28) column 1, line 54 - line 58 figure 12	5
	--- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

17 August 2001

Date of mailing of the international search report

24/08/2001

Name and mailing address of the ISA

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Savelon, 0

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/14771

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 662 357 A (RYU SOO-HYUN) 2 September 1997 (1997-09-02) column 1, line 38 - line 53 figure 1 ---	6
Y	EP 0 605 398 A (DETROIT STEEL PRODUCTS CO INC) 6 July 1994 (1994-07-06) column 7, line 40 -column 8, line 36 figures 10,11 ---	7
Y	FR 2 723 342 A (BOLER CO) 9 February 1996 (1996-02-09) figure 2 ---	9
A	GB 2 170 154 A (VIBERTI SPA OFF) 30 July 1986 (1986-07-30) column 2, line 86 - line 93 figure 3 -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/14771

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